

Customer Name: Curaleaf, LLC  
 Customer Address: 100 Grist Mill Ln.  
 Simsbury, CT 06070  
 Phone Number: 860-271-9318

Results issued on: 3/6/2017 COA No.: 56030617-A

| Client Lot Number | Sample ID | Tests Conducted            |
|-------------------|-----------|----------------------------|
| 1701007-BL-CB     | 2226-8    | Quality Control Analysis   |
|                   | 2226-9    |                            |
|                   | 2226-9    | Active Ingredient Analysis |
|                   | 2226-9    | Terpene Analysis           |

### Quality Control Results

| <u>Analysis</u> | <u>Test Conducted</u>                                            | <u>Specification</u> | <u>Results</u><br><u>(Pass/Fail)</u> |
|-----------------|------------------------------------------------------------------|----------------------|--------------------------------------|
| Microbiology    | Total Aerobic Microbial Count                                    | < 2,000 CFU/g        | Passed                               |
|                 | Total Yeast and Mold Count                                       | < 200 CFU/g          | Passed                               |
|                 | Bile-tolerant Gram-negative Bacteria/<br><i>Escherichia coli</i> | Not Present          | Passed                               |
|                 | <i>Staphylococcus aureus</i>                                     | Not Present          | Passed                               |
|                 | <i>Pseudomonas aeruginosa</i>                                    | Not Present          | Passed                               |
| Mycotoxins      | Aflatoxin B1                                                     | < 20 ug/Kg           | Passed                               |
|                 | Aflatoxin B2                                                     | < 20 ug/Kg           | Passed                               |
|                 | Aflatoxin G1                                                     | < 20 ug/Kg           | Passed                               |
|                 | Aflatoxin G2                                                     | < 20 ug/Kg           | Passed                               |
|                 | Ochratoxin A                                                     | < 20 ug/Kg           | Passed                               |
| Heavy Metals    | Arsenic - As                                                     | < 4.206 ug/g         | Passed                               |
|                 | Cadmium - Cd                                                     | < 2.704 ug/g         | Passed                               |
|                 | Mercury - Hg                                                     | < 8.712 ug/g         | Passed                               |
|                 | Lead - Pb                                                        | < 8.712 ug/g         | Passed                               |
| Pesticides      | See attachment A                                                 |                      | Passed                               |

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Client Lot Number: 1701007-BL-CB

## **Active Ingredient Results**

*via High Performance Liquid Chromatography (HPLC)*

| Cannabinoid                                                | Percent by weight<br>(w/w) | mg per 4 oz. (102<br>grams) |
|------------------------------------------------------------|----------------------------|-----------------------------|
| $\Delta^9$ -Tetrahydrocannabinol Acid ( $\Delta^9$ -THC-A) | <0.1%                      | 7.1                         |
| $\Delta^9$ -Tetrahydrocannabinol ( $\Delta^9$ -THC)        | 0.2%                       | 204.0                       |
| Cannabidiol Acid (CBD-A)                                   | <0.1%                      | 1.0                         |
| Cannabidiol (CBD)                                          | <0.1%                      | 8.2                         |
| Cannabigerol Acid (CBG-A)                                  | <0.1%                      | 1.0                         |
| Cannabigerol (CBG)                                         | <0.1%                      | 4.1                         |
| Cannabinol (CBN)                                           | <0.1%                      | 12.2                        |
| Cannabichromene (CBC)                                      | <0.1%                      | 8.2                         |

## **Terpene Content Results**

*via Gas Chromatography Mass Spectrometry (GC-MS)*

| Terpene                | Percent by weight<br>(w/w) |
|------------------------|----------------------------|
| $\alpha$ -Pinene       | <0.1%                      |
| $\beta$ -Pinene        | <0.1%                      |
| $\beta$ -Myrcene       | <0.1%                      |
| Limonene               | <0.1%                      |
| Ocimene                | <0.1%                      |
| Linalool               | <0.1%                      |
| $\beta$ -Caryophyllene | <0.1%                      |
| Humulene               | <0.1%                      |



Results Approved by: Jose A. Zavaleta, Lab Director

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Client Lot Number: **1701007-BL-CB**

### Attachment A

| Pesticide                         | Residue limits according to EPA<br>in parts per billion (ppb) | Results |
|-----------------------------------|---------------------------------------------------------------|---------|
| Avermectin (abamectin)            | < 10                                                          | Pass    |
| Acequinocyl                       | < 20                                                          | Pass    |
| Bifenazate                        | < 100                                                         | Pass    |
| Bifenthrin (synthetic pyrethroid) | < 50                                                          | Pass    |
| Cyfluthrin (synthetic pyrethroid) | < 20                                                          | Pass    |
| Etoxazole                         | < 10                                                          | Pass    |
| Imazalil                          | < 100                                                         | Pass    |
| Imidacloprid                      | < 50                                                          | Pass    |
| Myclobutanil                      | < 20                                                          | Pass    |
| Paclobutrazol                     | < 400                                                         | Pass    |
| Pyrethrins (synthetic)            | < 50                                                          | Pass    |
| Spinosad                          | < 10                                                          | Pass    |
| Spiromesifen                      | < 20                                                          | Pass    |
| Spirotetramat                     | < 200                                                         | Pass    |
| Trifloxystrobin                   | < 50                                                          | Pass    |